LED Giga Bar 4

User Manual

Index

1. Safety instructions

- The warranty expires in case of manual changes at the device by the user.

- The device may only be repaired by professionals.

- Only use fuses of the same type, as the original and only use original spare parts.

- To prevent fire and electric shock, protect the device against rain and humidity

- Disconnect main power plug before opening the casing.

1.1. Hints for safe and faultless use

Care of heat and high temperatures!

Place the device where it is not exposed to extreme temperatures, humidity or dust. Only use the device in ambient temperature between 5°C (41°F) - 35°C (95°F). Protect the device against sunlight and sources of heat.

Only place the device on solid surfaces!

Place the device on solid surfaces, to avoid vibrations.

Do not use chemical cleaners!

Metal parts can be cleaned with a moist cloth. Before cleaning the device, always pull out the mains power plug!

If the device does not work correctly!

The user should not try, to maintain the device autonomously. All repairs and service should be realized by a qualified technician.

Handle the mains cable with care!

Never pull at the mains cable to disconnect the device! If the device is not used for a long time period, pull the plug of mains cable out of the socket.

This Fixture works with LEDs:

The device can cause harmful and permanent damages to eyes and skin. Never look directly into the LED lenses.

Attention!

The warranty claim expires, when damages are caused by disregarding this user manual. The manufacturer and importer do not assume liability for consequential damages at all. Only qualified and trained technicians are allowed to work at electric parts of the device. All electrical and mechanical connections have to be mounted according to the European safety standards.

2. Introduction

Thank you for purchasing the **Gigabar IV.** For the correct use of the device read and understand the complete manual.

The **Gigabar IV** is a DMX controlled LED lighteffect. It can be used in standalone, master/slave or DMX mode.

3. Installation (for rigging)

Attention: Danger!
For the installation, you have to regard the safety rules of each country.
The installation is only permitted to educated staff.

For mounting the device overhead, only use allowed rigging material.

4. Unpacking

Each **Gigabar IV** was tested well before shipping and left the manufacture in absolutely good condition. Please check the package for damages. If the packaging is damaged, check the device. In fact of a damaged device, please contact your local dealer or the customer support.

Please bring the packaging to the recycling.

5. Specifications:

Voltage:	100-240V
LEDs:	16x 10W 4in1 LED
Color-system:	RGBW color mixing
Power consumption:	60W
Fuse:	1A
Weight:	5,3kg
Measurements:	965 x 64 x 153mm
DMX-Modes:	3, 5, 8, 14, 32 und 34 channels

DMX channels and their functions

4CH	6CH	10CH	18CH	32CH	34CH	FUN
1	3	3	3	1	3	R
2	4	4	4	2	4	G
3	5	5	5	3	5	B
4	6	6	6	4	6	W
		7	7	5	7	R
		8	8	6	8	G
		9	9	7	9	B
		10	10	8	10	W
			11	9	11	R
			12	10	12	G
			13	11	13	B
			14	12	14	W
			15	13	15	R
			16	14	16	G
			17	15	17	B
			18	16	18	W
				17	19	R
				18	20	G
				19	21	B
				20	22	W
				21	23	R
				22	24	G
				23	25	B
				24	26	W
				25	27	R
				26	28	G
				27	29	B
				28	30	W
				29	31	R
				30	32	G
				31	33	B

				32	34	W
	1	1	1		1	LED functions
	2	2	2		2	speed

DMX values and their functions:

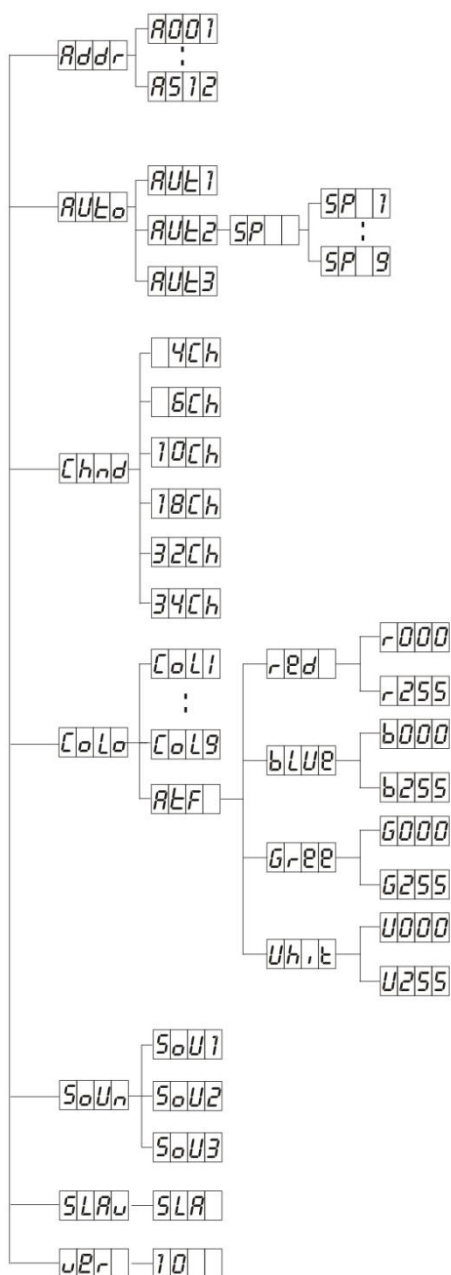| LED functions	0~7 : dimmer	8~15 strobo	16~23 mode1	24~31: mode2	… …	237~244 mode27	245~242 sound1	242~247 sound2	248~255 sound3
Functions speed	0<--->255 slow<--->fast								

6. Functions:

- RGBW color mixing
- Color-Strobe effect
- Color-mix effect
- LED chases (controllable speed)
- Electronic dimming 0-100%
- Build in microphone
- DMX-512 protocol
- DMX modes
- 3 function modes: sound active, master/slave mode, or DMX
- DMX-512 compatible (4, 6, 10, 10, 18 ,32, 34 DMX channels)
- digital display for adjusting the DMX start address and the different modes

7. Menu

The **Gigabar IV** an easy to navigate menu. The next chapter helps to understand the menu and shows an overview of the menu-structure. Therefore carefully read this chapter.

To enter the menu, press the ESC button once. Scroll through the menu by pressing the UP/DOWN buttons until the menu items appears in the display. Press the ENTER button again.
Now you can change and adjust the predefined value by pressing the UP/DOWN buttons. By pressing the MENU button you get one layer higher in the menu.

Addr:
You can set the DMX start-address here.

Auto:
You can select the automatic programs here.

Chnd:
You can select the DMX mode for using the device. (For using the DMX mode connect the DMXin of the **Gigabar IV** with the DMXout of a DMX-controller by a DMX-cable. If you want to control several devices connect the DMXin of each device with the DMXout of each previous device in the signal chain.)

Colo:
Here you can select/adjust a color (for standalone mode: Col1…Col9 are predefined colors. Using **AtF**, you can mix a color on your own.)

Soun:
Select the desired sound mode here.

SLav:
Adjust here, whether the device works as master or slave. (Connect the devices as mentioned in Chnd. The first device of the daisy chain has to be the master, the following devices work as slaves.)

VER:
This menu item shows the actual firmware version.

Menu tree:

- Addr → A001 : A512
- AUto → AUt1; AUt2 – SP → SP 1 : SP 9; AUt3
- Chnd → 4Ch; 6Ch; 10Ch; 18Ch; 32Ch; 34Ch
- Colo → Col1 : Col9; AtF → red → r000 / r255; bLue → b000 / b255; Gree → G000 / G255; Uhit → U000 / U255
- Soun → SoU1; SoU2; SoU3
- SLAv → SLA
- uEr → 10